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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/878,876	06/11/2001	Sean S. Jensen-Grey	PU010088	2637

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EXAMINER	
AMSBURY, WAYNE P	

ART UNIT	PAPER NUMBER
2171	15

DATE MAILED: 03/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

TOM

Office Action Summary	Application No.	Applicant(s)	
	09/878,876	JENSEN-GREY, SEAN S.	
	Examiner	Art Unit	
	Wayne Amsbury	2171	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *09 January 2004*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *09 October 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

CLAIMS 1-21 ARE PENDING

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.

3. **Claims 1-2, 4-5, 7-11, 13-14 and 17-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Meyerzon et al (Meyerzon), US 6,547,829, 15 April 2003.**

As to **claims 1-2, 5, 7-11, 13-14 and 17**, Meyerzon is directed to Internet searching by means of web crawlers [COL 1 lines 14-21] that iterate the crawling process by using results derived from one crawl to seed later crawls (subsequent search operations) [COL 4 lines 43-65]. The search system begins with search criteria, parameters, and keywords that are used to build an index of electronic documents [COL 2 lines 3-24; COL 7 lines 32-53]. The search performed on the basis of the initial search criteria such as keywords provides results in the form of content identifiers (CID) that are placed in a History Table and compared to URLs encountered during a crawl [COL 2 line 64 to COL 3 line 45]. A CID, a URL, and an index entry at least comprise metadata associated with a search result.

A CID in the form physical location of a data object may be a directory entry, network entry, URL, or the like, and it is inherent in such addresses that they must be parsed in order to determine their components. Meyerzon is explicit about parsing in order to determine any useful information [COL 9 lines 41-49].

As to **claim 4**, the URL of a web page is a URI, the CID of Meyerzon is a URI of a document, and the index entries can correspond to web page keywords as noted *supra*.

The elements of **claims 18-20** are rejected in the analysis above and these claims are rejected on that basis.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 3, 6, 12, 15-16 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meyerzon et al (Meyerzon), US 6,547,829, 15 April 2003.

As to **claims 3 and 12**, Meyerzon does not explicitly place data such as the History Table in a relational database *per se*, but an RDB is organized in tables, commonly indexed, and so widely available that one of ordinary skill in the art would not need to be prompted that they might be used.

It would have been obvious to one of ordinary skill in the art at the time of the invention to use an RDB to store search results because it was well known, commercially available, and efficient.

As to **claims 6 and 15**, Meyerzon does not explicitly state that web pages may be multimedia or provide streaming data, but it is inherent in crawling the web that these will be encountered, and nothing in Meyerzon precludes such pages. **It would have been obvious** to one of ordinary skill in the art at the time of the invention to include these page types because avoiding them would require additional and unnecessary system development.

The elements of **claims 16 and 21** are rejected in the analysis above and these claims are rejected on that basis.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wayne Amsbury whose telephone number is 703-305-3828. The examiner can normally be reached on M-TH 7-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WPA

WAYNE AMSBURY
PRIMARY PATENT EXAMINER